



APNIC

Asia Pacific Network Information Centre



A Proposal to Protect Historical Records in APNIC Whois Database

DB SIG
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KL, Malaysia

Definition

- Historical Record
 - A record in APNIC Whois Database referring to address space not covered by a current agreement with APNIC (either member or non-membership)



Background

- The historical ASN and IPv4 address range is increasingly becoming a source of abusive activities in the Internet.
- http://www.completewhois.com/hijacked/hijacked_qa.htm
- Total number of historical inetnum objects in APNIC whois database (as of Feb 04): 3,190 (1.5% of total inetnums)

Background



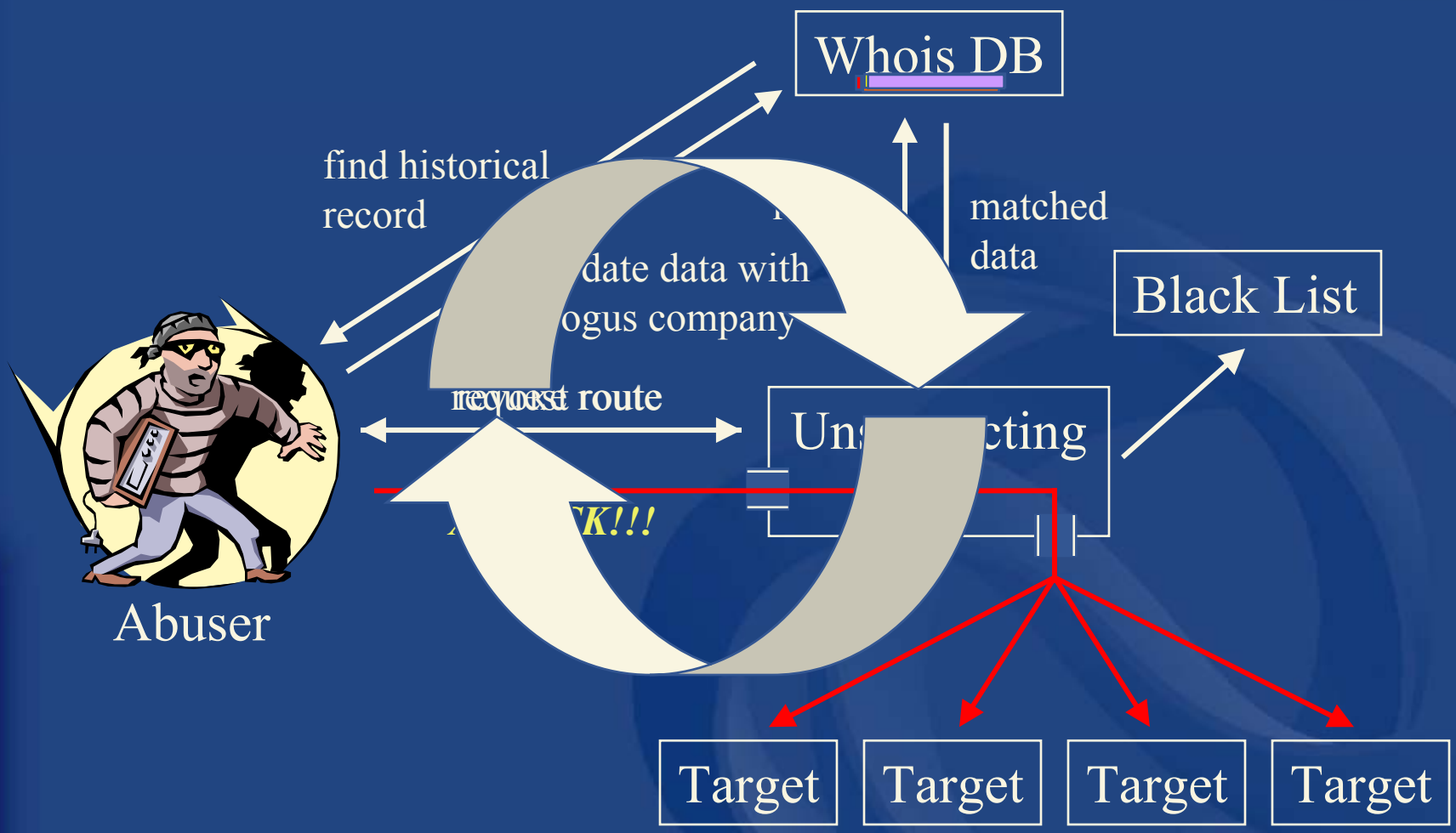
- Standard record

```
inetnum: 202.160.96.0 - 202.160.111.255
netname: HANSEN-NORTH-RYDE
descr: Hansen Technologies
country: AU
admin-c: HT169-AP
tech-c: HT169-AP
mnt-by: APNIC-HM
mnt-lower: MAINT-AU-HSNSYD
changed: hm-changed@apnic.net 20030620
status: ALLOCATED PORTABLE
source: APNIC
```

- Historical record

```
inetnum: 202.12.20.0 - 202.12.20.255
netname: YPB-OR-ID
descr: Yayasan Pembangunan
descr: Jakarta, Indonesia
country: ID
admin-c: II19
tech-c: IP205
notify: hostmaster@rad.net.id
mnt-by: MAINT-RAD-NET-AP
changed: indrapr@rad.net.id 980421
status: ALLOCATED PORTABLE
source: APNIC
```

Background



Background



openrbl.org - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

open RBL http://www.openrbl.org/

Firefox Help Firefox Support Plug-in FAQ

open RBL Openrbl DNSBL Whois Route Multi DNSBL Lookup

IP or Hostname 202.4.0.0 Submit Singlepage

[home] ? > < history: << 202.4.0.0 dnsbl related: google /24 sbase >>

open RBL Multi DNSBL Lookup 202.4.0.0 http://openrbl.org/ip/202/4/0/0.htm

Lookup 202.4.0.0 (unresolved) in 20+11 Zones
 AS: 202.4.0.0/21 AS7306 Asian Development Bank Washington/District Of Columbia
 Net 202/8 APNIC-AP ? Hilton, New South Wales
 Results: **Positive=2**, Negative=29 (2004-02-23 04:14:12 UTC)

- @COUNTRY/country: 202.4.0/24: 553 COUNTRY PHILIPPINES - <http://hatcheck.org/google?philippines;http://hatcheck.org/sbl?philippines>
- BLARS/block.blars.org: INET 127.1.0.32
- **Negative 29:** @DYNAMIC @ISP @SPAM AHBL BOGONS BONDED BOPM CBL DRBL DSBL FIVETEN INTERSIL JIPPGMA LNSG NJABL NOMORE ORDB PSBL PSS REYNOLDS RFC_IPWH SBL SORBS SPAMBAG SPAMCOP SPAMRBL SPAMSITE SPEWS UCEPROT

Hints for 202.4.0.0: (external, use BACK or ALT-LEFT when done)

- Track "202.4.0.0" at [Whois & Abuse|SpamCop*]
- Search "202.4.0.0" at [Google|SpamCop*|SenderBase] [MAPS|Schlund]
- **CHECK:** Nominate Relay-Test at: [ORDB] [Add Comment]

Done



Proposal

- Protect all historical inetnum and aut-num with APNIC-HM maintainer
- Existing custodians can still use the resource, but will not be able to change the record
- Existing custodian who wants to maintain their records should sign a formal agreement with APNIC. Proposed annual fee is USD 100 per maintainer.



Other RIR Regions

- ARIN
 - Locks historical records (if contact person e-mail is not updated)
- LACNIC
 - Currently has no similar project
- RIPE
 - Currently has no similar project





NIR Considerations

- This proposal will affect historical records in APNIC Whois Database only
- In accordance with NIR open policy processes, the NIRs are expected to consult with their communities to determine how to deal with this issue.



Implementation



- Timeframe for APNIC Secretariat
 - 7 months for implementation
 - Policy development process requires 2 months for comment on mailing list followed by EC approval
 - After EC approval, implementation is expected take another 4 months



Questions?

- If approved, implementation report will be presented in the next DB-SIG meeting
- Thank you for listening

